VISTA-250FBP/V250FBP-24

COMMERCIAL FIRE AND PARTITIONED BURGLARY ALARM PLATFORM

Designed to integrate seamlessly with CCTV, access control and Honeywell's full range of fire and burglary components, the new VISTA-250FBP provides the ultimate protection of life and property. The UL listed Commercial Fire and Burglary Control Platform controls up to eight partitions and supports up to 250 zones/points using hardwired, wireless and V-Plex addressable technologies. A diverse line of Honeywell initiating devices, notification circuits, digital dialers, keypads,

RF receivers and relays are supported by this extremely powerful control platform. The VISTA-250FBP has been designed to mount quickly and easily in an attack resistant cabinet, and is available in 12V and 24V models. A revolutionary new feature called Panel Linking allows multiple partitions, panels and even buildings, to be armed, disarmed or have status checked…from one location!

FEATURES

- Comes standard with eight hardwired zones, expandable to 242 V-Plex addressable points/zones or 250 wireless points/zones

- Can control eight separate areas independently (eight partitions)

- Supports Panel-Linking: Allows up to eight systems or buildings to be controlled from one central location (using VA8200)

- Supports Commercial UL Wireless Fire and Burglar

- Stores up to 1,000 events and can accommodate 250 user codes

- Supports V-Plex addressable VistaKey access control (up to 15 doors and 500 cards)*

- Supports up to 16 doors of access control using Vista Gateway Module (VGM)*

- Supports CCTV applications with the new VistaView-100 CCTV Switcher Module

- Identifies the point or zone of a fire or alarm using the new FSA-8/FSA-24 Fire System Annunciator

- Two on-board notification (bell) circuits delivering 2.3A @ 12V or 3.4A @ 24V

- Automatic smoke detector sensitivity maintenance testing

- Four-wire smoke reset using onboard J2 output trigger

- Supports Dynamic Signaling for long range radio backup

- Supports remote control via the Internet**

- Supports Internet Alarm Reporting**

- Supports Graphical User Interface consoles

- Supports Alphanumeric Pager: up to eight different numbers using the VA8201

- Notification Appliance Circuits (two):
  – Programmable
  – Temporal code compliant
  – Individually silenceable

- Programmable on-board auxiliary relay

- SIA false alarm reduction features:
  – Exit error logic
  – Exit delay reset
  – Cross zoning
  – Call waiting defeat
  – Recent close report

- Supports commercial hardwired, addressable polling loop and wireless zones

- Hardwired zones:
  – Provides eight style B hardwired zones
  – Supports N.O. or N.C. sensors
  – Individually assignable to any partition – Up to 32 two-wire smoke detectors each on zones one and two (64 total)
  – Up to 50 two-wire glassbreak detectors on zone eight
  – EOLR supervised for Fire and UL burglary installations

* Connects to Honeywell Access' PassPoint Access Control Systems. Maximum 32 doors.

** When used with AlarmNet-i.
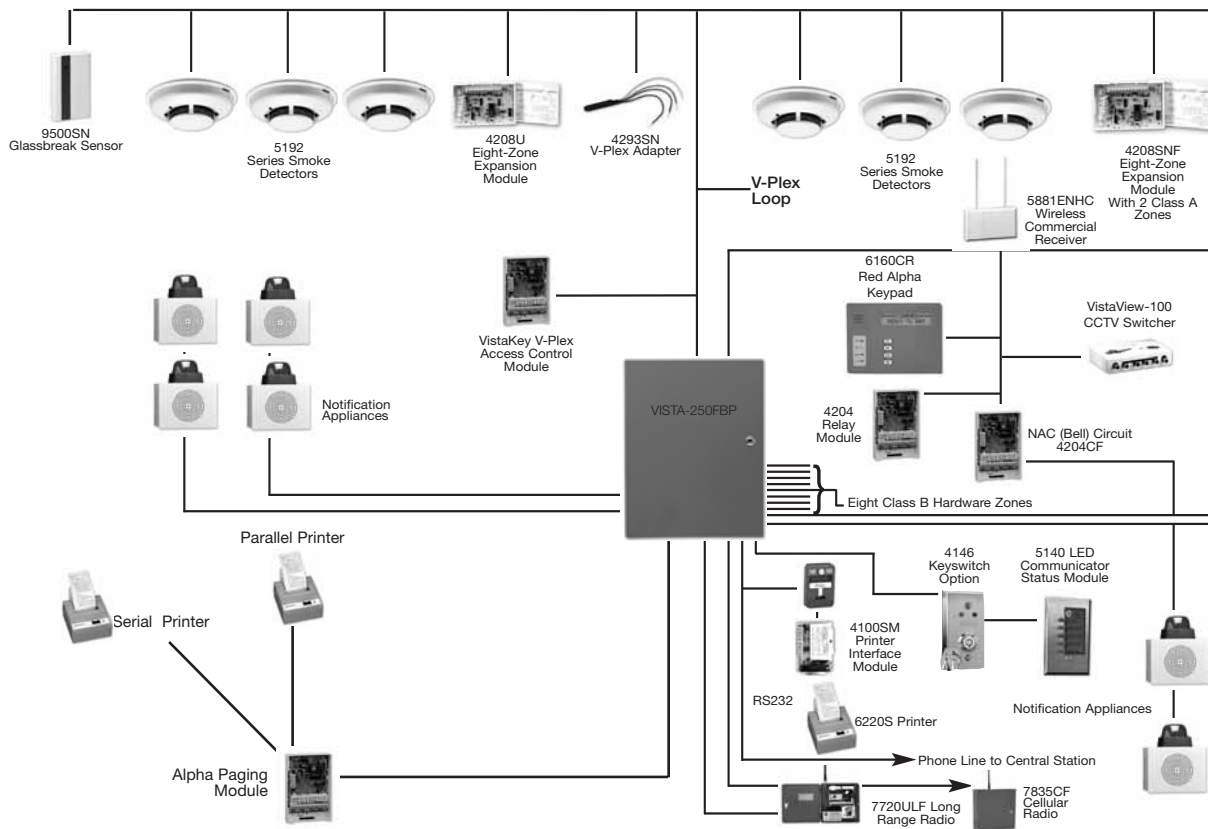
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ADDITIONAL FEATURES

- Patented addressable polling loop technology
  - Supports 242 two-wire zone points
  - Global polling technology for faster processing
  - Increased current draw capacity (128mA)
  - Supervised by panel
  - Individually assignable to partitions, notification circuit (bell) output or auxiliary relay
  - 4,000 ft. capability without the use of shielded cable
  - Extender/Isolation bus module
  - Two-wire smoke detector zone/group expansion module adds two or four zones
  - Eight zone – Class A and B extender module
  - Eight zone – Class B extender module
  - One zone supervised contact monitor module

- UL Listed wireless expansion
  - Supports up to 250 wireless zones/points using 5881ENHC Receiver

  - Supervised by control for check-in signals
  - Tamper protection for transmitters
  - Individually assignable up to eight partitions
  - Supports UL864/NFPA approved wireless smoke detectors

- Access Control Integration
  - Full integration with PassPoint Access Control System

- Up to 15 doors using VistaKey Access Control

- Event reporting

- Local printer of access or VISTA related event

- Scheduled uploading of events to the central station

- Stored events for one call retrieval

- Communication
  - Phone mapping by zone response type
  - Supports VIP Interactive Phone Voice Module

  - Panel operation during download
  - Uploading equipment list to the central station
  - Communication to PassPoint via VISTA Gateway Module

- CCTV integration
  - Supports VistaView-100 ECP based CCTV switchers

Applications

Supported by a diverse line of Honeywell initiating devices, the powerful VISTA-250FBP is the ideal integrated fire and burglary control for applications where a higher level of security is necessary. Some examples of applications include: medical and professional buildings, supermarkets, churches, synagogues, schools, universities, strip malls, factories, warehouses, and larger residences.

SPECIFICATIONS

Installation

The VISTA-250FBP alarm system has been designed to mount both quickly and easily. It meets all applicable requirements for UL commercial fire and burglary installations.

Electrical

- Primary power: 18VAC @ 72VA ADEMCO No. 1451

- Control Panel quiescent current draw: 300mA

- Backup battery:
  – 12VDC, 12AH min to 34.4AH max
  – Lead acid battery (gel type)

- Alarm power: 12VDC, 1.7A max for each notification (bell) circuit output Total 2.3A @ 12V

- Aux. standby pwr: 12VDC, 1A max

- Total power: 2.3A at 12VDC, 3.4A at 24VDC from all sources

- Standby time: 24 hours with 1A standby load using 34.4AH battery

- Fusing: Battery input, aux. and notification (bell) circuit outputs are protected using PTC circuit protectors. All outputs are power limited

- Optional 24-volt power supply, PS 24 supplies two 24 VFW, 1.7A full wave rectified, unfiltered outputs

Main Dialer

- Line seize: Double Pole

- Ringer equiv.: 0.7B

- Formats: ADEMCO Low Speed, ADEMCO 4+2 Express, ADEMCO High Speed, ADEMCO Contact ID, Sescoa and Radionics

- Dual phone line capability (using 5140DLM module)

Cabinet Dimensions

- 18″ H X 14.5″ W X 4.3″ D

Environmental

- Storage temp: 14° F to 158° F (-10° C to 70° C)

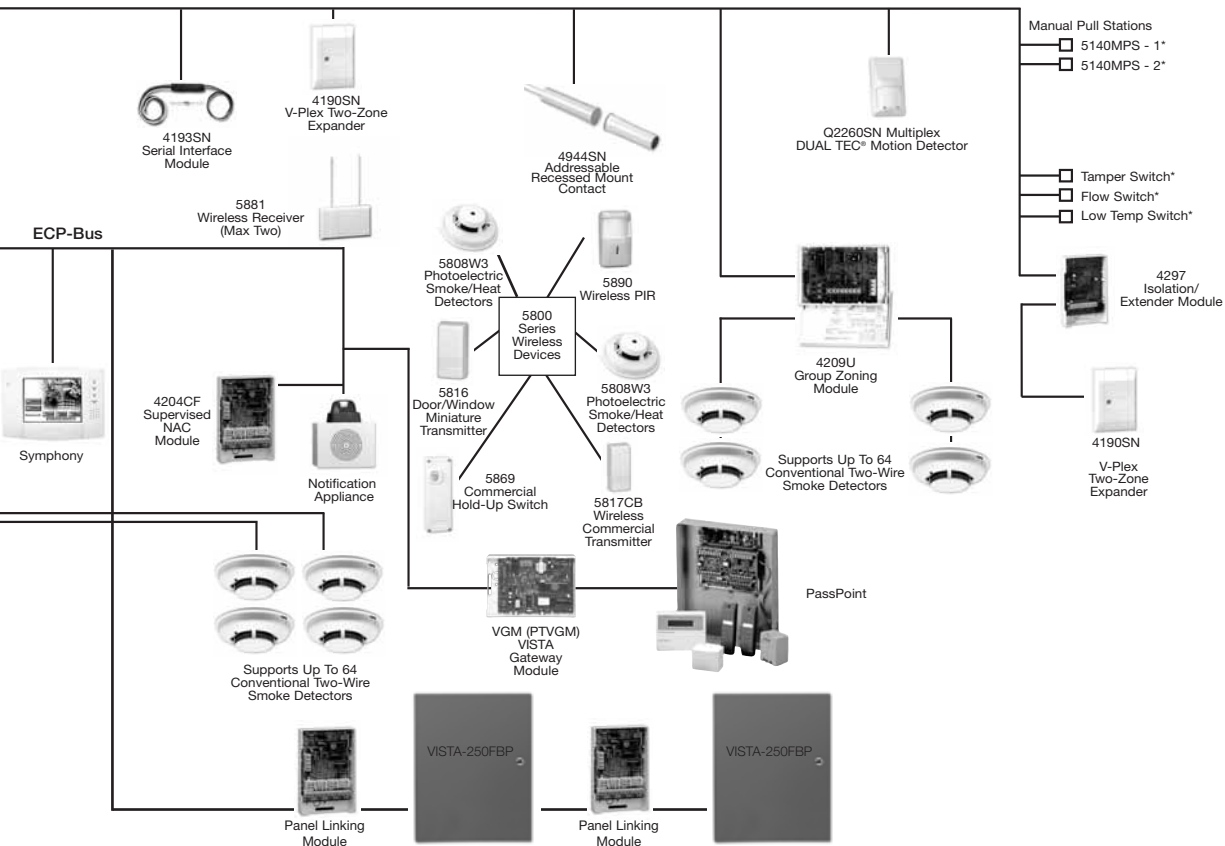- Operating temp: 32° F to 122° F (0° C to 50° C)

- Humidity: 85% RH

- EMI: Meets or exceeds the following requirements:
  – FCC Part 15, Class B Device
  – FCC Part 68
  – IEC EMC Directive

Agency Listings Burglary

- UL609 Grade A Local Mercantile Premises and Mercantile Safe and Vault

- UL611/1610 Grades A, AA, Central Station

- UL365 Grades A, AA Police Connect

Fire

- UL864/NFPA72 Local, Central Station and Remote Station

- Factory Mutual

- California State Fire Marshal

- MEA

- UL985

Manual Pull Stations
5140MPS - 1*
5140MPS - 2*

4193SN Serial Interface Module

4190SN V-Plex Two-Zone Expander

4944SN Addressable Recessed Mount Contact

Q2260SN Multiplex DUAL TEC® Motion Detector

Tamper Switch*
Flow Switch*
Low Temp Switch*

5881 Wireless Receiver (Max Two)

ECP-Bus

5808W3 Photoelectric Smoke/Heat Detectors

5890 Wireless PIR

5800 Series Wireless Devices

4297 Isolation/ Extender Module

Symphony

4204CF Supervised NAC Module

5816 Door/Window Miniature Transmitter

5808W3 Photoelectric Smoke/Heat Detectors

4209U Group Zoning Module

Supports Up To 64 Conventional Two-Wire Smoke Detectors

4190SN V-Plex Two-Zone Expander

Notification Appliance

5869 Commercial Hold-Up Switch

5817CB Wireless Commercial Transmitter

Supports Up To 64 Conventional Two-Wire Smoke Detectors

VGM (PTVGM) VISTA Gateway Module

PassPoint

Panel Linking Module

VISTA-250FBP

Panel Linking Module

VISTA-250FBP

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Auxiliary Devices

- 4204 – Relay Module, four form C contacts
- 4204CF – Two supervised output circuits
- 5881 Series – RF receiver supporting 5800 wireless detectors
- 6220S – System printer used with 4100SM serial module
- 6160CR – Red Alpha Keypad
- FSA-8 & FSA-24 annunciator modules
- VA8200 – (PLM) Panel Linking Module
- VA8201 – (APM) Alpha Paging Module

Two-Wire Smoke Detectors Conventional

- System Sensor smoke detectors

Horn/Strobes

- System Sensor Notification Appliances

Manual Pull Stations

- 5140MPS-1
- 5140MPS-2

V-Plex (Addressable) Devices

- 4101SN Single Relay/Zone Module
- 4190SN Remote Point Module – two zones
- 4193SN Two Zone Serial Interface Module
- 4208SNF Class A/B Expander Module
- 4208U Loop Expansion Module – eight zones
- 4209U Group Zoning Module – two/four zones
- 4293SN One Zone Serial Interface Module
- 4297 Isolation/Extender Module
- VSI Module

V-Plex (Addressable) Smoke Detectors

- 5192SD
- 4192SD
- 4192CP
- 192SDT
- 4192SDT
- 4192CPM
- 4192SDTM

V-Plex Passive Infrared Detectors

- 998MX
- 4275EX-SN
- 4278EX-SN

V-Plex (Addressable) Contacts

- 4939SN-WH
- 4944SN-WH
- 4959SN

V-Plex Glassbreak Detectors

- FG1625SN

VISTA Interactive Phone Module

- 4286 Voice Module

Optional 24V Power Supply

- PS24 – 24V power supply – 3.4A

Long Range Radio

- Long Range Radio 7720ULF-XX, 7835C, 7835CF, 7845C

Upgraded software

- Upgraded Compass Downloader Windows compatible

Wireless Devices

- 5804 – Wireless Key
- 5804BD – Bidirectional Key
- 5804BDV – Bidirectional with voice
- 5816 – Door/Window Transmitter
- 5819 – Shock Sensor
- 5827BD – Bidirectional Keypad

- 5849 – Glassbreak Detector
- 5890 – PIR

Commercial Wireless Devices

- 5808W3 – Photoelectric Smoke/Heat Detector
- 5809 – Wireless Heat Detector
- 5817CB – Wireless Commercial Transmitter
- 5869 – Hold up Transmitter
- 5881ENHC – Commercial Fire/Burg Receiver

Access Control

- VistaKey V-Plex (addressable) Access Control
- VistaKey-SK Starter Kit
- VistaKey-EX Expansion Kit
- VGM Vista Gateway Module to PassPoint Access Control
- Pro-Watch
- WIN-PAK (PE or SE)

CCTV

- VistaView-100-CCTV Switcher Module

Alarm Communications

- Graphical user interface with Internet capability
- Internet Remote Control-Networking Module
- Internet Alarm Communicator (7845i)
- 7845GSM – Digital Cellular Communicator
- 7845i-GSM – Internet and Digital Cellular Communicator
- GSMCF/iGSMCF – Commercial Fire Communication Kits

ORDERING

VISTA-250FBP	Commercial Fire and Partitioned Burglary Alarm Platform 12V Model
V250FBP-24	Commercial Fire and Partitioned Burglary Alarm Platform 24V Model

Honeywell